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July 23, 2002



Re Patent Application of:

Attorney Docket No.: **54719.000011**

Randal J. KIRK et al.

Application No.: 09/986,426

Group Art Unit: 1651

Filed: November 8, 2001

Examiner: To Be Assigned

Title: **USE OF PROTEIN CONFORMATION FOR THE PROTECTION AND RELEASE
OF CHEMICAL COMPOUNDS**

Director of the United States Patent and Trademark Office
Washington, DC 20231

Transmitted herewith is an amendment in the above-identified application. Fees have been calculated as shown below:

CLAIMS AS AMENDED						
	Claims Remaining After Amendment	Highest Number Previously Paid For	Extra	Rate		Amount
				Large Entity	Small Entity	
Number of Claims in Excess of 20	41	53	0	\$ 18.00	\$ 9.00	\$ 0.00
Independent Claims in Excess of 3	11	14	0	\$ 84.00	\$ 42.00	\$ 0.00
First Presentation of Multiple Dependent Claims				\$ 280.00	\$ 140.00	\$ 0.00
Extension Fee:	a) One Month			\$ 110.00	\$ 55.00	\$ 0.00
	b) Two Months			\$ 400.00	\$ 200.00	\$ 0.00
	c) Three Months			\$ 920.00	\$ 460.00	\$ 0.00
	d) Four Months			\$1440.00	\$ 720.00	\$ 0.00
	e) Five Months			\$1960.00	\$ 980.00	\$ 0.00
Other:						\$ 0.00
TOTAL FEE DUE						\$ 0.00

- ☒ No additional fee is required.
☐ A check in the amount of \$ _____ is attached.
☐ Charge \$ _____ to Deposit Account No. 50-0206.
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Respectfully submitted,

By:


Jeffrey T. Perez
Registration No. P52,110

JTP:nej

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DmT
7-25-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

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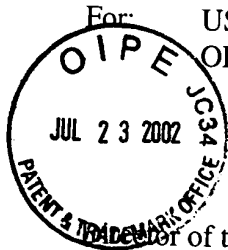
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JUL 24 2002

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For: USE OF PROTEIN CONFORMATION FOR THE PROTECTION AND RELEASE
OF CHEMICAL COMPOUNDS

PRELIMINARY AMENDMENT UNDER 37 C.F.R. § 1.115



Director of the United States Patent Office
Commissioner for Patents
Washington, D.C. 20231

Sir:

Before initial examination of the above-captioned patent application, please cancel claims 1-53 without prejudice or disclaimer to the subject matter thereof, and substitute claims 54-97 as set forth below.

IN THE CLAIMS:

Please cancel claims 1-53 and add new claims 54-94 provided in a clean format in accordance with 37 C.F.R. § 1.121:

-- 54. (New) A pharmaceutical composition comprising:

(i) an active agent protected in an internalized domain or pocket of an amino acid polymer wherein said amino acid polymer's structure comprises hydrophilic/polar components and hydrophobic/non-polar components designed to promote the formation of said internalized domains or pockets; and

(ii) said hydrophilic/polar components and hydrophobic/non-polar components are selected to manipulate the tertiary structure of said amino acid polymer to control degradation and release of said active agent.

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